

Sheet 1 of 1

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| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 116948 | | APPLICATION NO. 10/648,273 | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANT(S) Wataru YAMADA et al. | | | |
| | | | | FILING DATE August 27, 2003 | | GROUP | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | |
| <u>16</u> | 1. | JP A 57-128344 | 8/9/1982 | JAPAN | | | |
| <u>16</u> | 2. | JP B2 60-22347 | 6/1/1985 | JAPAN | | | |
| <u>16</u> | 3. | JP A 63-65449 | 3/24/1988 | JAPAN | | | |
| <u>16</u> | 4. | JP A 4-15659 | 1/21/1992 | JAPAN | | | |
| <u>16</u> | 5. | JP B2 5-47104 | 7/15/1993 | JAPAN | | | |
| <u>16</u> | 6. | JP A 11-38656 w/abstract & transl. | 2/12/1999 | JAPAN | | | |
| <u>16</u> | 7. | JP A 11-184106 w/abstract & transl. | 7/9/1999 | JAPAN | | | |
| <u>16</u> | 8. | JP A 11-316468 w/abstract & transl. | 11/16/1999 | JAPAN | | | |
| <u>16</u> | 9. | JP A 10-251277 w/abstract & transl. | 9/22/1998 | JAPAN | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
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| EXAMINER <u>J Goodrow</u> | | | | DATE CONSIDERED <u>8/05</u> | | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

Date: October 7, 2003